Cyber Security and the Electric Transmission System: Exploring Solutions for the 21st Century

SCHEDULE FOR CYBER SECURITY TECHNICAL SEMINAR

PRESENTED BY
CALIFORNIA ENERGY COMMISSION'S PIER SECURITY RESEARCH PROGRAM

With Assistance from KEMA, Iowa State University and Securicon

May 28-29, 2008

Wednesday, May 28, 2008

08:00-08:30 am	**Registration, Welcome, and Opening Remarks – CEC & KEMA**
08:30-09:30 am	**Status of NERC Cyber Security Standards – KEMA**
09:30-10:00 am	**Overview of CIP-002 through CIP-009 – KEMA**
10:00-10:15 am	**Break**
10:15-11:00 am	**Vulnerability Assessments and Penetration Testing – Securicon**
11:00-12:00 pm	**Discussion of Cyber Security Research at Iowa State University – ISU**
12:00-01:00 pm	**LUNCH**
01:00-02:00 pm	**Determination of "critical assets" – Getting Through the Confusion – KEMA**
02:00-03:00 pm	**NERC Cyber Security Standards – What is Expected in an Audit – KEMA**
03:00-03:30 pm	**Break**
03:30-04:30 pm	**Impact of FERC Comments on the Cyber Security Standards – KEMA**
04:30-5:00 pm	**Wrap-up and Adjourn – CEC & KEMA**

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Thursday, May 29, 2008

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08:00-08:30 am	**Registration and Review of Day 1 - KEMA**
08:30-09:00 am	**Typical CIP Project Plan – KEMA**
09:00-10:00 am	**Vulnerability and Risk Assessments, Penetration Testing - Securicon**
10:00-10:30 am	**Break**
10:30-11:00 am	**Typical Control System Vulnerabilities - Securicon**
11:00-12:00 pm	**Control System Best Practices –-Securicon**
12:00-01:00 pm	**LUNCH**
01:00-02:00 pm	**Power System Information and Communication Infrastructure Vulnerabilities - ISU**
02:00-02:45 pm	**Impact of Cyber Insecurity on Power Systems and Risk Modeling - ISU**
02:45-03:00 pm	**Break**
03:00-03:45 pm	**Overview of R&D Efforts in National Labs, Simulation Tools and Test Beds - ISU**
03:45-04:15 pm	**Information Security Concepts and Misconceptions - ISU**
04:15-04:45 pm	**Description of the "Hacker"; Network Security Issues; Configuration and Management - ISU**
4:45-5:00 pm	**Wrap-up and Adjourn – CEC & KEMA**